



SI B11 13 15
Engine

July 2015
Technical Service

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

SUBJECT

Service Action: N20 Engine - Inspect and Replace Engine Oil Filter Housing

MODEL

E84 (X1)

E89 (Z4)

F10 (5 Series Sedan)

F25 (X3)

F30 (3 Series Sedan)

SITUATION

The plastic oil filter housing may fail and lead to an internal and/or external engine oil or coolant leak.

AFFECTED VEHICLES

This Service Action involves E84, E89, F10, F25 and F30 vehicles produced from August 2011 to March 2012.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

PROCEDURE

Inspect and replace the engine oil filter housing as per the repair instructions

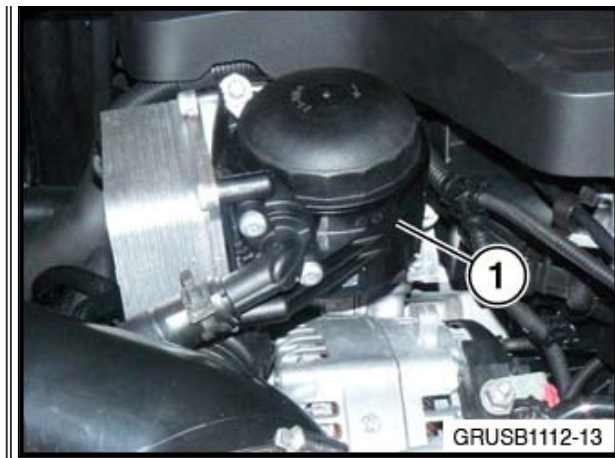
1. Inspect and replace the engine oil filter housing as per the repair instructions.



2. If the vehicle is fitted with the aluminum oil filter housing (silver color) then take no further action. Do not replace any parts.

Use labor operation 00 63 619 for reimbursement.

3. If the vehicle is fitted with the plastic engine oil filter housing (black color) then replace the



engine oil filter housing as per the attached instructions.

Use labor operation 00 62 280 for reimbursement.

PARTS INFORMATION

Part Number	Description	Quantity
11 42 8 637 812	Oil filter housing	1
11 61 2 297 462	Intake manifold profile seal set	1
07 14 9 114 958	Cable clip	1
11 42 7 540 758	Bolt	1
11 53 7 639 997	Coolant hose (E84 sDrive, E89, F30 auto transmission)	1
11 53 7 639 998	Coolant hose (E89, F30 manual transmission, F10, F25)	1
11 53 7 639 999	Coolant hose (E84 xDrive)	1
11 12 7 589 053	Engine acoustic cover (E84 as needed)	1
11 12 7 636 791	Engine acoustic cover (F25, F30, E89 as needed)	1
11 12 7 594 344	Engine acoustic cover (F10 as needed)	1
11 41 7 607 857	Screw plug with gasket ring	1

Bulk materials:

Part Number	Description	Quantity
82 14 1 467 704	Antifreeze – (gallons)	Up to 2.6
83 21 2 365 946	Motor Oil SAE 5W-30 Longlife (1 liter)	1

WARRANTY INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the following information:

Defect Code:	00 11 60 03 00	
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Inspection only, no replacement for vehicles that already have the aluminum engine oil filter housing installed.

Labor Operation:	Labor Allowance:	Description:
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00 63 619	1 FRU	Inspect the engine oil filter housing. The vehicle is already fitted with the aluminum oil filter housing.
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Inspection and replacement of the black plastic engine oil filter housing.

Labor Operation:	Labor Allowance:	Description:
00 62 280	Refer to KSD	Replace the black plastic engine oil filter housing with the aluminum engine oil filter housing.

Sublet – Bulk Materials

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for the repair-related bulk materials (Do not use part numbers for claim submission)
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Sublet reimbursement calculation for claiming the used quantities of repair-related bulk materials:

- BMW part numbers is at dealer net plus handling, or
- Other materials not available through BMW and obtained locally are at “cost plus 20 percent.”

Enter this material cost in sublet and itemize the amount in the claim comment section.

Sublet reimbursement calculation for claiming used quantities of repair-related materials:

ATTACHMENTS

View PDF attachment [B111315 Instructions](#).

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